

IN THE CLAIMS:

The listing of claims below is presented as a courtesy:

Listing of Claims:

Claims 1 to 10 (cancelled).

Claim 11 (previously presented): A ring structure of metal construction for a rotor blade region of axial flow compressor and turbine stages comprising:

an annular outer wall;

an annular inner wall spaced adjacent with a radial clearance from blade tips of the rotor blade region; and

a connecting structure positioned between the outer wall and the inner wall and designed as a hollow-chamber structure, the outer wall being designed as a closed, mechanically stable housing wall of the compressor or turbine stage, the connecting structure connected to the outer wall and the inner wall, and the inner wall forming a run-in lining coating for the blade tips, the inner wall being designed as a whole as a closed, continuous and mechanically stable structure of at least one of a metal woven fabric and a metal felt.

Claim 12 (previously presented): The ring structure as recited in claim 11 wherein the at least one of the metal woven fabric and the metal felt is fabricated from a metal alloy oxidation-resistant at high temperatures.

Claim 13 (previously presented): The ring structure as recited in claim 12 wherein the alloy is an iron-, nickel- or cobalt-based alloy.

Claim 14 (previously presented): The ring structure as recited in claim 11 wherein the at least one of the metal woven fabric and the metal felt form the intrinsically closed, annular inner wall, the at least one of the metal woven fabric and the metal felt being joined to one another to forming at least one butt joint abutting transitionally on the annular inner wall.

Claim 15 (previously presented): The ring structure as recited in claim 14 wherein the at least one butt joint is formed in each instance by two opposing edges.

Claim 16 (previously presented): The ring structure as recited in claim 15 wherein the two opposing edges overlap each other.

Claim 17 (previously presented): The ring structure as recited in claim 16 wherein the edges overlap one another without forming a region of thickened material.

Claim 18 (previously presented): The ring structure as recited in claim 16 wherein the edges overlap one another, forming a region of thickened material, the region of thickened material being directed radially outwardly toward the connecting structure.

Claim 19 (previously presented): The ring structure as recited in claim 11 wherein the inner wall is permanently joined to the connecting structure by sintering or by surface-diffusion welding.

Claim 20 (previously presented): The ring structure as recited in claim 19 wherein the connecting structure is permanently joined to the outer wall by sintering or by surface-diffusion welding.

Claim 21 (previously presented): The ring structure as recited in claim 11 wherein the inner wall made of the at least one metal woven fabric and the metal felt is permanently joined to the connecting structure by soldering.

Claim 22 (previously presented): The ring structure as recited in claim 21 wherein the connecting structure is permanently joined to the outer wall by soldering.

Claim 23 (previously presented): A gas turbine engine comprising the ring structure as recited in claim 11.

Claim 24 (previously presented): A ring structure of metal construction for a rotor blade region of axial flow compressor and turbine stages comprising:

an annular outer wall;

an annular inner wall spaced adjacent with a radial clearance from blade tips of the rotor blade region; and

a connecting structure positioned between the outer wall and the inner wall and designed as a hollow-chamber structure, the outer wall being designed as a closed, mechanically stable housing wall of the compressor or turbine stage, the connecting structure connected to the outer wall and the inner wall, and the inner wall forming a run-in lining coating for the blade tips, the inner wall being designed as a closed, continuous and mechanically stable structure of at least one of a metal woven fabric and a metal felt, the metal woven fabric or metal felt directly contacting the connecting structure.